

REMARKS

This Application has been carefully reviewed in light of the Final Office Action mailed April 10, 2006 ("Office Action"). At the time of the Office Action, Claims 1-37 were pending in the application. In the Office Action, the Examiner rejects Claims 1-37. Applicant amends various claims to further prosecution and do not admit that any of these amendments are required as a result of any cited art reference.

Claim Rejections - 35 USC § 112

The Examiner rejects Claims 1-37 under 35 U.S.C. 112 as failing to set forth the subject matter which applicant regards as his invention. Applicant traverses this rejection. However, in order to advance prosecution, Applicant amends Claims 1, 8, 13, 20, 27, 28, 31, 34, and 37.

Claim Rejections - 35 USC § 102

The Examiner rejects Claims 1-7 and 13-37 under 35 U.S.C. 102(e) as being anticipated by U.S. Patent No. 6,070,170 issued to Friske, et al. ("*Friske*"). Applicant respectfully requests reconsideration and allowance of Claims 1-7 and 13-37.

Amended Claim 1 recites, in part, "identifying changes to the plurality of objects that are made during a reorganization process ... for each change, determining whether the change affects an object being reorganized ... creating a log file comprising log records, wherein the log records are associated with only those changes that are determined to affect an object being reorganized." *Friske* does not teach, suggest, or disclose these elements of amended Claim 1.

At the outset, the Applicant notes to the Examiner that in a database system, a change may be made to an object that is not being reorganized even though the reorganization process (e.g., for other objects) is underway. Therefore, not all changes that are made during a reorganization process are made to an object that is being reorganized. In general, *Friske* requires that **all** changes that are made to **any** object during a reorganization process be logged and applied to the object. (Col. 6, ll. 14-43). In particular, beyond determining whether a particular change occurred before or after the beginning of a reorganization process (col. 6, ll. 14-24), *Friske* does not make any sort of determination of whether a change actually affects "an object being reorganized," as recited in amended Claim 1. For example,

the critical teaching of *Friske* provides, “Log records 312, reflecting changes which occurred to the original data set after the target data was unloaded until the present time, are then applied to the target data set in the shadow location 310.” (Col. 6, ll. 33-36). It is clear from this passage that *Friske* does not make any determination of whether a particular change actually affects “an object being reorganized.” Rather, *Friske* simply stores all of the changes that were made to any of the objects, whether the object is being reorganized or not, into the “log records 312.”

In this regard, *Friske* is no different from the type of art described in the background of the present application on page 4, ll. 3-12. Prior systems such as the one described in *Friske* are inefficient because they record and log all changes made to any object during a reorganization process and therefore must process and apply all of these changes even though some of these changes did not affect “an object being reorganized.” In the present application, by “determining whether the change affects an object being reorganized” and storing “log records” for “only those changes that are determined to affect an object being reorganized,” the present application is able to reduce the processing related to effecting changes that are made to an object that is being reorganized.

For at least these reasons, Applicant respectfully requests reconsideration and allowance of amended Claim 1. Claims 2-7 depend from Claim 1, shown above to be allowable. For at least these reasons, Applicant respectfully requests reconsideration and allowance of Claims 2-7.

Amended Claims 13, 20, 27, 28, 31, 34, and 37 recite similar elements as those described above with regard to amended Claim 1. For at least these reasons, Applicant respectfully requests reconsideration and allowance of amended Claims 13, 20, 27, 28, 31, 34, and 37. Claims 14-19, 21-26, 29-30, 32-33, and 35-36 depend from independent claims shown above to be allowable. For at least these reasons, Applicant respectfully requests reconsideration and allowance of Claims 14-19, 21-26, 29-30, 32-33, and 35-36.

Claim Rejections - 35 USC § 103

The Examiner rejects Claims 8-12 under 35 U.S.C. 103(a) as being unpatentable over *Friske* in view of U.S. Patent No. 5,565,316 issued to Kershaw, et al. ("*Kershaw*"). Applicant respectfully requests reconsideration and allowance of Claims 8-12.

Amended Claim 8 recites, in part, "identifying changes to a plurality of objects that are made during a reorganization process ... creating a log record based on a particular change ... determining whether the particular change affects an object being reorganized ... storing the log record in a first log file recording selected changes only if the particular change is determined to affect an object being reorganized." For at least the reasons described above with regard to amended Claim 1, *Friske* does not teach, suggest, or disclose at least, "determining whether the particular change affects an object being reorganized ... storing the log record in a first log file recording selected changes only if the particular change is determined to affect an object being reorganized." *Kershaw* does not make up for the deficiencies of *Friske*. For at least these reasons, Applicants respectfully request reconsideration and allowance of amended Claim 8. Claims 9-12 depend from Claim 8, shown above to be allowable. For at least these reasons, Applicant respectfully requests reconsideration and allowance of Claims 9-12.

CONCLUSION

Applicant appreciates the Examiner's efforts to review this case. Applicant's prior response attempted to clarify the patentable aspects of the claimed invention. This response, and the amendments made herein, were invited by the Examiner during a telephonic interview conducted on March 31, 2006 which was subsequent to the Applicant's prior response. Therefore, this response was not earlier presented, and is presented herein Applicant has made an earnest attempt to place this case in condition for allowance. For the foregoing reasons, and for other reasons clearly apparent, Applicant respectfully requests the Examiner to enter all of the amendments made herein and to fully allow all of the pending claims.

If the Examiner feels that a telephone conference would advance prosecution of this Application in any manner, the Examiner is invited to contact Samir A. Bhavsar, Attorney for Applicant, at the Examiner's convenience at (214) 953-6581.

Although no fees are believed due for this response, the Commissioner is hereby authorized to charge any fees or credit any overpayments to Deposit Account No. 02-0384 of Baker Botts L.L.P.

Respectfully submitted,

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